Bài 3 :

lw $s0, 8($a0) # load $s0 from memory at address $t2 + 8

Tín hiệu	Giá trị	Giải thích
RegDest	0	
RegWrite	1	
MemRead	1	
MemWrite	0	
MemtoReg	1	
Beq	0	
Bne	0	
ExtOp	1	
Jump	x	
ALUSrc	1	

sw $s0, 8($a0) # store $s0 to memory at address $a0 + 8

Tín hiệu	Giá trị	Giải thích
RegDest	x	
RegWrite	0	
MemRead	0	
MemWrite	1	
MemtoReg	x	
Beq	0	
Bne	0	
ExtOp	1	
Jump	0	
ALUSrc	0	

add $s0, $s1, $s2 # add s0 = s1 + s2

Tín hiệu	**Giá trị**
RegDest	1
RegWrite	1
MemRead	1
MemWrite	0
MemtoReg	1
Beq	0
Bne	0
ExtOp	0
Jump	0
ALUSrc	0

beq $t2, $t1, label # branch on equal, if $t2 == $t1 branch to label

Tín hiệu	**Giá trị**
RegDest	x
RegWrite	0
MemRead	0
MemWrite	0
MemtoReg	1

Beq	1
Bne	0
ExtOp	x
Jump	0
ALUSrc	x

j label

Tín hiệu	**Giá trị**
RegDest	x
RegWrite	0
MemRead	0
MemWrite	0
MemtoReg	x
Beq	0
Bne	0
ExtOp	x
Jump	1
ALUSrc	x